

Photograph Album

1950-1951



E.R.Q.



JUNE
1950



+ H.Q.







MIKE

June
1950



Sodus
Pt.



Q



June 1950



Rochester Hosp.



H





Heinie





Lefty Sieg 1956





7-
21-
50

I. G. M. R.



Maj. Geo. Hoffman

Aug. 1950
A.L. Conv.
Philadelphia



HCQ
HMQ
Tress
Will
T



HCQ
 HMQ
 Tressel
 Willis Geissinger
 Tressel
 Micky Adams
 Aaron Leitzell
 Mrs. Tressel.





Aug. 1950. Firemen's Convention — No Gas.
Ivan Walker — HMQ — Chief DeWitt — police.



Last P.R.R. Pass. Train - Aug. 1950



Sept.
1950

Wisconsin
Hunting



- Aug. 1950



Sept.
1950

Wisconsin - on Duluth
Hunting Trip.





Near Baudette, Minn.

Sept.
1950



J Home





Te, Minn.



Near Duluth.

Hamer Collins.





Duluth-Superior Bridge



Oct. 1950.



Duluth-
Superior Bridge



Showmoors, Wis.

Oct. 195



Mary, Ted, Nora, Bucky



Buck, Nell, Nora, Joe.



Ed - Mr
of the

P



rs, Wis.

OCT. 1950



rn, Buckey



Ed + Mrs Kelly, Mrs. PDR, Gil (one
of the Duluth hunters) Hartley
Photo by PDR (1930?)



A. J. C.



2/4/51 Hank's Ford.



1950 -
Fords



HMQ
1950

#10

HCR
1951

#1





1950 - 1951
Fords



Ridge Road to Renovo



Down 4

Labon Camp - Well - Swartz Farm



Looking N.

Renovo

MAR. 20, 1951

TAMARACK



Down 4500 ft.



Camp-Buck-Well



1-Swartz Farm



N.



E.



3-20-51 Swartz Farm



Kettle Creek



3-31-51 Geo. Valentine - 82 - and Dogs





Kettle Creek - E.



82 - and Days



5-12-51



Shot in 5/10/
per day - 645
thru gas 5/12

? - Joe Flanagan - or Pete.
Gerald Robbins - Borland (NYSN Geol.)



↑ Gas

TAMARACK.



Shot in 5/10/51 - $12\frac{1}{2}$ Million cu. ft.
per day - 6456 ft. - Drilled a few feet
thru gas 5/12 but no more flow.

or Pete.
orland (NYSN. Geol.)



5/13/51-ERQ.

5-18-51 at Jacobus Well on Mt. at



W. from



"Turkey"
on Cabot
truck
rescuing
Ford.
←



Buck in K. Creek

E. W
in

s Well on Mt. at Kettle Creek



W. from Well



"Turkey"
on Cabot
truck
rescuing
Ford.
←



Creek

E. with Ford
in "ford".



6/11/51

N.
Cabot stge.
at Tamarack.



Valves

S.W.



7/13/51

N.



4/11/51



W.

Otis Co. Laying
4" pipe to Meter
House + Well.
Turned into Line
6-4-51



S.W.



7/13/51



N.E.



6/15/51 - Deluxe



Antioch College



6/17/51 Maloney Garden



The Garden





Antioch Campus



The Glen







Ellen Q.
Maloney

Antioch
1951
(June)





Fall 1951 - Heinie - Hank - Nan Peters.





Boughtons' Wild acres.



6/21/51 - Anniv. All Amer. Airlines
at State College.



erres.



8/8/51
Poe
Paddy
Park

Mike - Nora - Bucky



amer. Airlines
JC.



Judy Rogers - H.C.Q.



Hoak - Judy - Mike - E.R.Q.

8/18/51



All Amer. Fishing Contest
Sam Foresman - Q - Dick Gillespie



N. to Reno

Su



est
Gillespie



The
Sunflower
Queen





36 Flowers
+1



Sept. 1951
Deed to Thompson
Playground. From
Countess to Burge



Sept. 1951

Deed to Thompson
Playground. From the
Countess to Burgess



owers

166 mi.
to Pitts
\$11,000,000



Sept. 1951

Deed to Thompson
Playground. From the
Countess to Burgess



166 mi. Pipe line
to Pittsburgh
\$11,000,000. 00



R.S.Q. Camp.
 Mike Filler
 Jack Toner
 Whitie Wills
 Frank Toner
 Delbert West
 Jake Toner





+ Bud Harman

Dec. 1951





12/31/51

(Nittany Photo)



12/31/51

(Nittany Photo)

Burgess Hugh M. Quigley of Bellefonte receives the first official Little League Calendar from Jerry Kling, captain of Boughter's Giants, the 1951 champion of the Bellefonte Little League.

Looking on are Boyd Kling, the captain's father, and Team Sponsors Samuel U. Foresman, George N. Boughter, Elmer B. Keckler and Elmer Decker.

Mr. Quigley expressed his pleasure in receiving the calendar, which bears the illustration of a Little League pitcher about to toe the rubber while a runner on second base is poised to run. The Burgess praised team sponsors for their aid in operating the league, pointing out the recreational value to the youngsters of the community.

Jan.
1952



Q Swearing in Councilmen Nevin Smith,
Don Pardoe, Bill Ferree, Cal Troupe.

BELLEFONTE HIGH SCHOOL 1911

- 1st. Row - Ellis Keller - Allan Hoy - Claire Lyons - Bill Payne - Frank Crissman -
 Bob Willard - Charles Garbrick - Joe Ceader - Gilbert Mattern -
 Williams - John Fisher - Sam Rhinesmith - Guy Hosband - Roy Myers
 - Leo Toner - -Jared Eminhizer - John Kline -
 William Schmidt.
- 2nd. Row -Charles Cruse - John Hines - Williams - Ruth Altenderfer - Lois Kirk
 Totsock - Shoemaker - Totsock - Verna Ardery -
 Ruth Woods - Margaret Bullock - Helen Eckenroth - Helen McClure -
 Irene Koontz - Margaret Eckenroth - Mabel Stover - Edna Solt -
 Lillian Koch - Elinor Cook - Alice Walizer - Jennie Straw.
- 3rd. Row- Charles Eckenroth - Forrest Tanner - Ferguson Parker - Louise Straub -
 Lyde Toner - Claire Shope - Ruth Rapp - Mary Schad - Nell McClellan -
 Marguerite Lambert - Sarah Wetzol - Catherine Allison - Ethel Wetzol -
 Ruth Parsons - Katherine Wion - Ida Brandman - Mary Warfield -
 Stella Whittaker - Katherine Conaghan - Sarah Rishel - Margaret McDonald
 Rebecca Fleming - Vivian Lutz - Timmy Hafer - Cecil Walker - George
 Musser - - PAUL RUMBERGER
- 4th. Row- Ruth Gamble - Helen Chambers - Helen Beezer - -
 Helen Glenn - Marie Walsh - Sara Kellerman - Mamie Shope - Mary Kline -
 Catherine Love - Margaret Cooney - Helen Hurley - DeSales Walsh -
 Bella Johnson - Josie Decker - Hazel Johnson - Martha Barnhart -
 - Margaret Gilmore - Elizabeth Walker - Hester McGinley -
 John Harper - Graham Hunter - Carl Deitrich -
- 5th. Row - Orvis Sholl - Harvey Steele - George Eminhizer - Andy Saylor -
 Bob Garman - Lester Musser - Fleming - Burton Gehret -
 Nancy Hunter - Mildred Johnson - Ruth Waite - Mary Rankin - Sara
 Longwell - Ruth Coxey - Ruth Kline - Dorothy Jenkins - Eleanor Parker -
 Mary Mott - - Eugene Rowe - John Payne - Henry Lowery .
- 6th. Row - Wilbur Morgan - Paul Mallory - - Phil Barnhart -
 Harry Ott - Lew Wallace - Edward Garbrick - Allan McClellan - Jim Miller
 - Fred Yeager - Charles Krumrine - Fred Noll - Margaret
~~Alvander - Ruth Johnson - John Woods - Edna Kline - Ruby Eberhart - Pauline~~
~~Johnson - Margaret Altenderfer - Susie Lambert - Celia Smoyer -~~
 Hazel Dickinson - Ruth Johnson - Margaret Garrett - Ermitrude Bricker -
 Marion Dukeman - Doyle Eberhart -
- Miscellaneous - HARRY Thompson - George Mosely - McKinley Overton - Charles
 Hassinger - Ben Swartz - Luther Crissman - Harold Ward - Edgar Shirk -
 Philip Shoemaker - Louise Cruse - Miriam Smith - Ruth Wetzol - Sarah
 Love - Bernice Noll - Isabel Miller - Sarah Shuey - Henrietta Quigley -
 Marion Lutz - Anna Shuey - Margaret Pandleton - Joe Morrison - Tom
 McClure - Harold Kersteter - Rube Spangler - Hugh Taylor - LeRoy
 Hartswick - Basil Mott - Charles Gates - Roy Uhl - Henry Keller -
 Jack Dale -
- sitting in left window - Vince Taylor and Hugh Quigley
 " " right " - Ward Hile -

LOUISE JACKSON



B.H.S. in 1911 - Enlarged + printed in 1952.
For (1913 Reunion in 1953)



ERQ, HCQ, + Colleen Seabright



Dottie



HCQ, ERQ, HMQ

24
yrs.



ERQ + PDR
at Red Barn 6/16/52



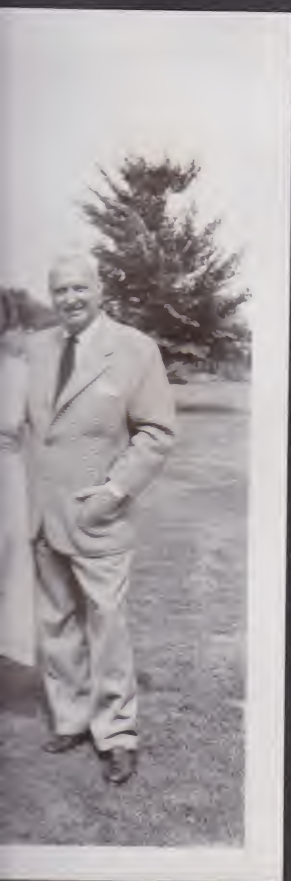
up Hods
Catskill
(F)

Clifton Park 6/15/52



abright

Dottie Clark's Apt.



up Hudson River from
Catskill - 6-18-52

PDR
Born 6/16/52 (From Rip Van
Winkle Bridge)



Cabin in N.Y.
6-18-52
at Sharon





Sodus Point
(High Water in
Great Lakes)





ERQ-B



JUNE
1952

Fontana
coaling



1st
DU



ERQ-Beach - Sodus Pt.



June
1952



1st. Prize, Shrub
Dub Show - ERQ.



Bud Jones



↑
Cinder's Family

8-17-52

6 wks. old



Jones



Born 7-4-52



Family



olinder

8-17



Lions Club + Polio
Air Spray

8-17-52



9-5-52



9-5-52



Bucky-11, Nicky-6, Remus



52



Licky-6, Remus-2 mos., Mike-20.



1952 Ford
No. 11 - 8/15/52

Sept. 52 - ROTC



Mike - 20 1/2

Oct. 1952

Sept. 52



Nicky - 6 Remus - 3 mos.





1952



Nov.

1952.

Hank-24

Bucky-11

Grouse

Squirrel

MOS.



Aunt Dorothy -
Nora - Buck - Ren





Aunt Dorothy-
Nora-Buck-Remus



N.



N.W. (winter)



E.

From 505

Nov.

1952.



Dec. '52.





'52.



Dec. 16, 194



Austin O. Forst

2 Do



Bill O'Brien's Camp.



Gr

Dec. 16, 1952



Forst



2 Does

Q.



n's Camp.



Gene Bigelow

Dick Shannon

Bill Mosser

?



Col.
Ed. Sahli
C.O.



F
Dav
Sch



I, G. M. R.

Q - Absent,

L. to R. - Top -

Egan - Johnson -

Hughes - Jacobs.

Bottom - Sahli -

Vivian - Brandt -

Weidner.



Fenerty - Jenkins.

Davidson - Amalia -
Schrum.



Hank + Adilee Park
at Y. S. Fall, 1952.

Sept. 1952



Dedicati
+ Allegheny
Q-P. Dubbs
C. DeWitt



Park
2.

Sept. 1952

Dedication of V.F.W. Lights at Linn
 & Allegheny - Pam. Miller - ? - Sally Hibbard
 Q - P. Dubbs - N. Smith - Tink Justice -
 C. DeWitt - Chas. Stover - R. Wilkinson.

Jan. 1953, near
R. Genua - G. Bassi
R. Shannon - R. Ke



G. Bigelow



Mar. 1953.



Jan. 1953, near Port Royal -
R. Genua - G. Bassinger - Skat Brown -
R. Shannon - R. Kelleher - Q



Mar. 1953.





Mar. 28, 1953, "Dad's Day" at $\Phi K \Sigma$ - Lee Davie's



May, 1953.



ad's Day" at $\Phi K \Sigma$ - Lee Davics - Q



May, 1953.





May + June

1953



Mary +





Mary + Heinie










SUBJECT:

4 May 1953

TO: Lt Colonel Hugh M. Quigley

FROM: Colonel Richard Snyder 

Inclosed is the picture of the Selective Service Section taken at Indiantown Gap during your recent weekend conference. General Weber is desirous of each member of the staff having a copy of the picture for your personal file.

Left to Right

Bottom: LC Warren Weidner - LC HMQ - Col Ed Sahli - LtGen F A Weber - LC Paul Shrum - Maj. John Jacobs - LC Schwalm. Top: CWO Sam Ulmer - ? - Maj Bob Amalia - 1 lt John Vivian - Maj Don Brandt - 1 lt Jim Davidson - CWO John Marsicano - 1 lt Dick Jenkins - 1 lt Norb Fenerty - 1 lt Ben Hughes.

April 1953

Reading Club - 20th Reunion



M. Love - G. Walker - D.
Valentine - M. Craig - W.
Orr - B. Gast - Jo Sheffer -
O. Cliffe - ERQ - J. Denithorne -
C. Love - C. Sieg - Peg Warner



Class of
in 1913 ↑



Sept. 1953.

oth Reunion



Class of 1913 - B.H.S.
in 1913 ↗ in 1953 →

June 12-1953



June 12-1953



40th - Class of 1913 BHS - 6/12/53 - Top: G. Lyons - Ruth Waite - Sarah Love - Chas Krumrine -
 Cat Love - John Harper - Marshall Cook - HMQ - M. Altenderfer - Geo. Musser - Verna Ardery - Irv Noll,
 Principal *Mary McDonald* - Bottom: *Ruth Coxey* - Mary Mott - Bob Willard - *Martha Barnhart* - Chas Garbrick -
 Jo Decker - Eleanor Cook - Ruth Parsons.

Sept.
1953.
Honey
Harbor,
Georgian
Bay.



King's Boat + Schrecky



Our b



Skat-Andy-Curly-Jim



Jim Bathurst
Curley Bas
Skat
And





Schrecky



Our biggest



Jim Bathurst

Curley Bassinger

Skat Brown

Andy Cousineau



The Store - Pacific Island Resort -



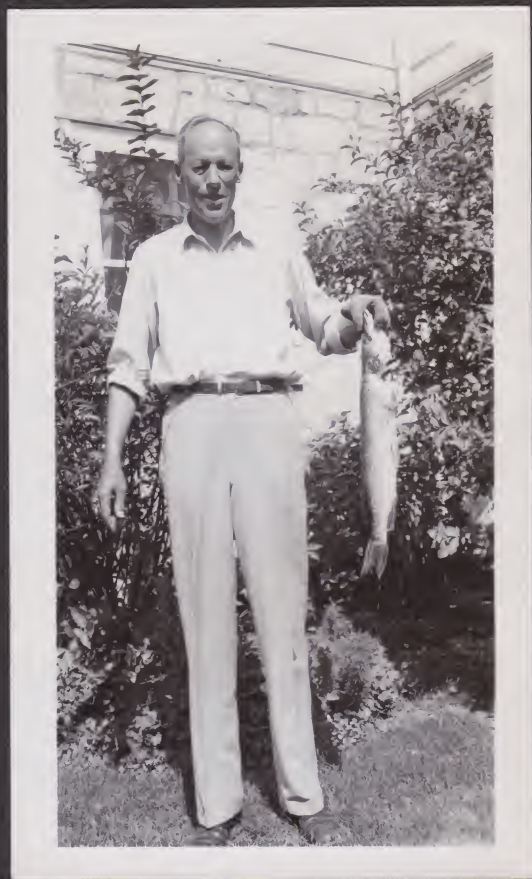
Twissall
Semi Midland



"The Store", Picnic Island Resort -



rw Ball
Seneca, Michigan



Our 2nd.



Christmas - 1953



Jan. - 1954



Ralph Hart
Skat B.-G
G. Brown Jr.

Harter Game Preserve



Ralph Harter - Ken H. - Curley B -
 Skat B. - Gene B. - Q - Schreck. -
 G. Brown Jr. -

reserve



Ralph Genua - Bob Kelleher

Q





Ralph Genua - Bob Kelleher

Q



1954 - Safety Award 1953 - Andy Bashore to Q,
Aib. Knischy - Jeff McCartney - Chief Leo Orr - M Robb.



Selective Service
 General Conference
 U.S. Naval Air Station
 Norfolk, Virginia
 10 to 24 April 1954

↑
 Q-5th Row.



The "Legal Section" - Drew up a new S.S. Law.

1954



Aug. 1953 - Homer Collins -
New House - Duluth.

30th Ave



1954



Collins-
h.

30th Anniv.



1954



Mike - Grad.



↑

Mike + Ma.

1954

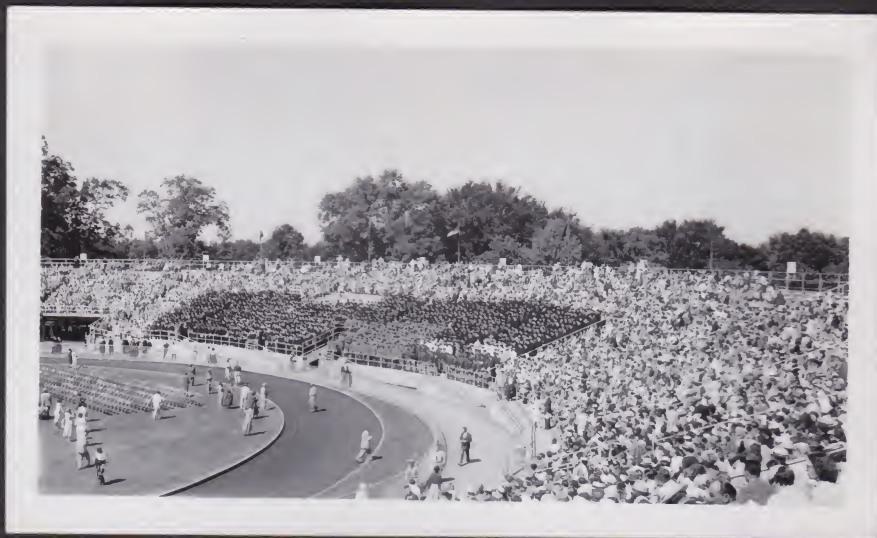


ad.

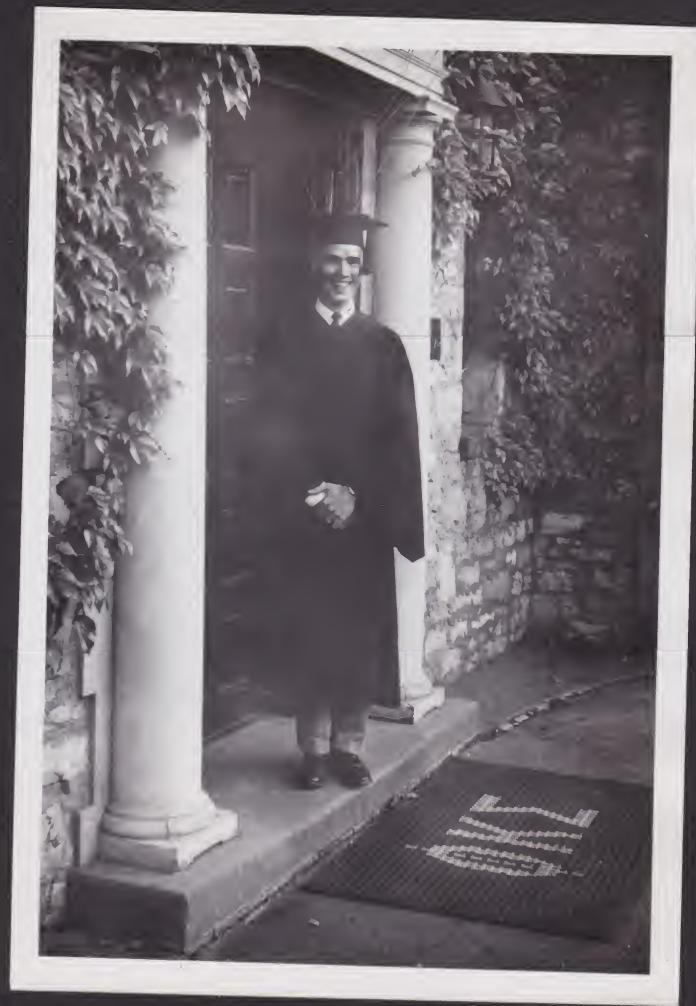


← Mike + others

1954



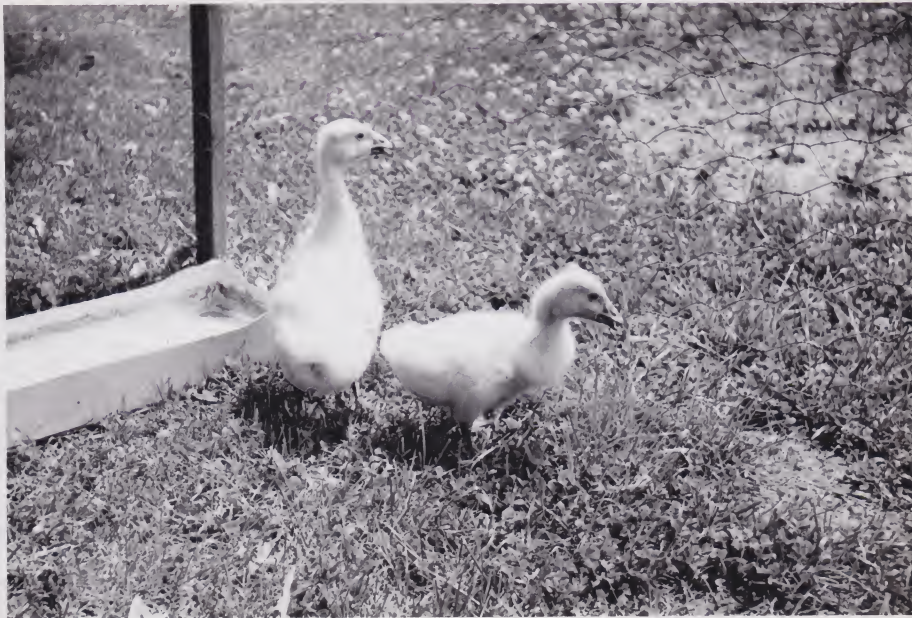
1954



Muncy Dist. Scout Camporee 1954



Phil Roy - Ardell Anderson -
Dick Purnell - Bill Schwartz



Present from Scouts.



Scout Camporee
f



ell Anderson-
Bill Schwartz



om Scouts,



1954



Painting 505



At Dave Keller's

1954



At Dave Keller's

OCT. + NOV. - 1954 - 536



Nov. - 1954 - 536 N. Wilson



Jan. - 1955



Charlie Ream + Eddie



Jan. - 1955



Charlie Ream + Eddie



Feb. 1955.



B. Du

Iron Porch From
Ernie Brown, Mbg.



The Reimers

Feb. 1955.



B. Dubbs

Iron Porch From
Ernie Brown, Mbg.



The Qs.

Feb. 1



N.E.



N.W.



Feb. 1955.



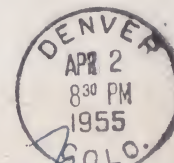
N.



W.



4-1-55
Miss
America
+
Jeff



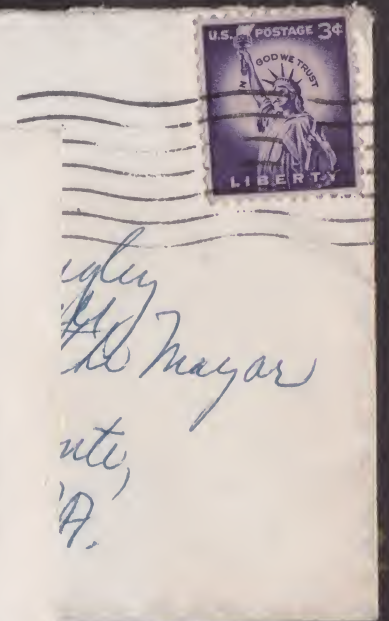
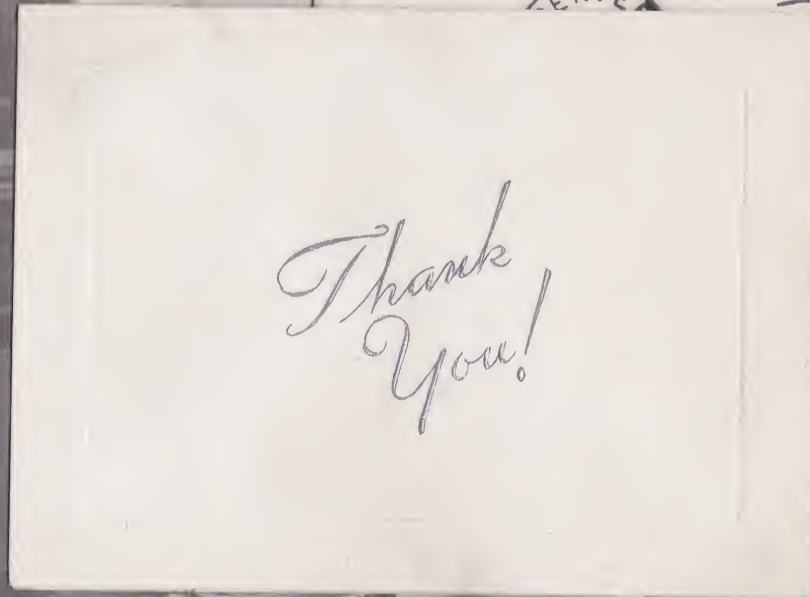
Mayor Gungley
City Hall
Office of the Mayor
Bellevue, PA.





4-1-55
Miss
America
+
Jeff
McGartney







Apr. 2, 1955
 Dear Mayor Quigley
 Thank you so very much
 for the wonderful Bellows
 and for the equally wonderful
 Key to the City of Bellefonte.
 I was thrilled to death with
 it. Thanks also for being





so kind to me and making
my visit so pleasant
Sincerely
Lu Meriwether





+
Jeff
McCartney



4-28-55
Alice
10 days old.





4-1-55



Lee Ann Meriwether
Miss America - 1955



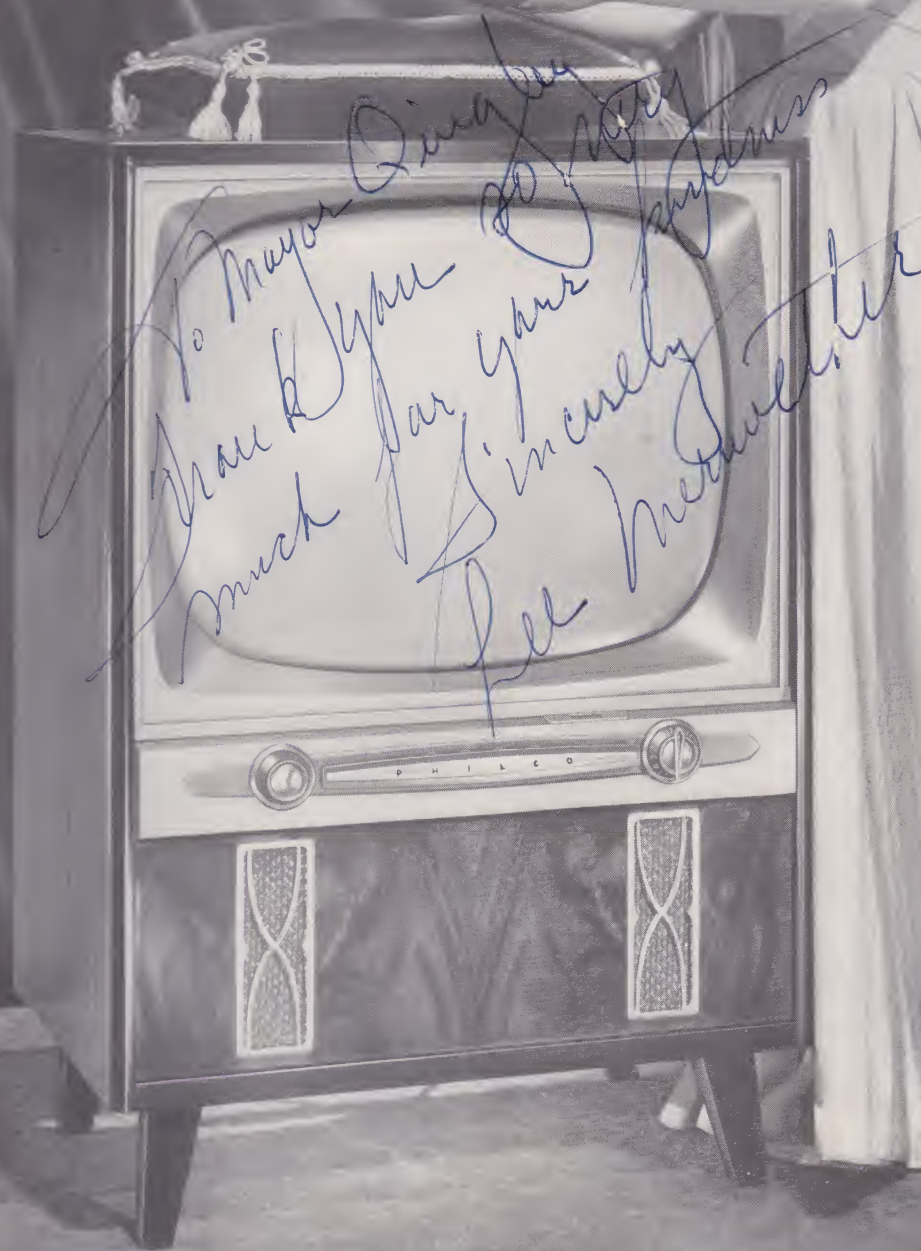


Stone for Beaver St.
St.



her
55

Best Wishes
Lee Meriwether
Miss America 1955





Lieutenant Colonel Hugh Dingley
my deep appreciation of
your unfailing support not only to me but
to the Pennsylvania National Guard.
J. H. Dingley



Lieutenant Colonel Hugh Dugley
my deep appreciation
your unflinching support not only to
to the American National Guard



Hugh Pugley
my deep appreciation of
your support not only to me but
to the National Guard.
St. J. O'Connell



4-2-55

1st Lt. HMQT

New V-W.

at W-P

AFB.





Special Right-hand Drive Effect
arranged by Lt. Joe Haas.

May 1955
At Twin Apple APTS.
106 Woodrow St.



MAY 55



May 1955
Apple Apts.
Row St.





Ens. H.C.Q.
Newport, R.I.



E.R.Q.







July - 1955



Ens. H.C.Q.

W. Fort, R.I.



Aunt Maud









July-1955



Lt. Col. R.



Hank's Cardinal

July-1955



Lt. Col. + Ens. + Lt.
+ Remus - 3 yrs.



Hank's Cardinal



July - 1955



At Woodrow St. Y.S.

July - 1955



Labor Day 1955
Foster Cupp + Q.



St. Y.S.

1-2-56



J. Burger - P. Knisely - G. Boughter
J. Decker - Q.



Jan.





ughter



Jan. 1956 at Y.S.



Y.S.



N.S.

Bfte.

Feb, 1956





Feb.



1956







1951 Su

May



MAY • 56



1951 Super Crosley Station
Wagon

1956



MAY • 56





May
1956

MAY • 56



The Doll House



MAY • 56

MAY • 56





May
1956





June 1956
The Bones.



Mike Witter-14



Jul



Mike's V
 ERQ's C
 HCR's
 HMQ's

July-1956



Mike's V.W.
E.R.Q.'s Crosley
H.C.R.'s Ford
H.M.Q.'s Ford

Sesquicentennial







8-13-56 Kangaroo Kart

8-15-56



At Army Exhibit
Miss Penna. (Ringler)

Seized Killing

ESTON, W.

— Robert
who con-
o weeks
was a
ght in
his

ar-old
ent
rder
obb

n a
a
in

t-
f-
d



Burgess Hugh Quigley
fonte serving his sentence
for failure to wear a ha
Ti courts are being held ea



BELLEFONTE BURGESS H
to fool Keystone Kops Bill M

Seized Killing

ESTON, W.

— Robert

who con-

o weeks

was a

ght in

his

ar-old

ent

order

obb

a

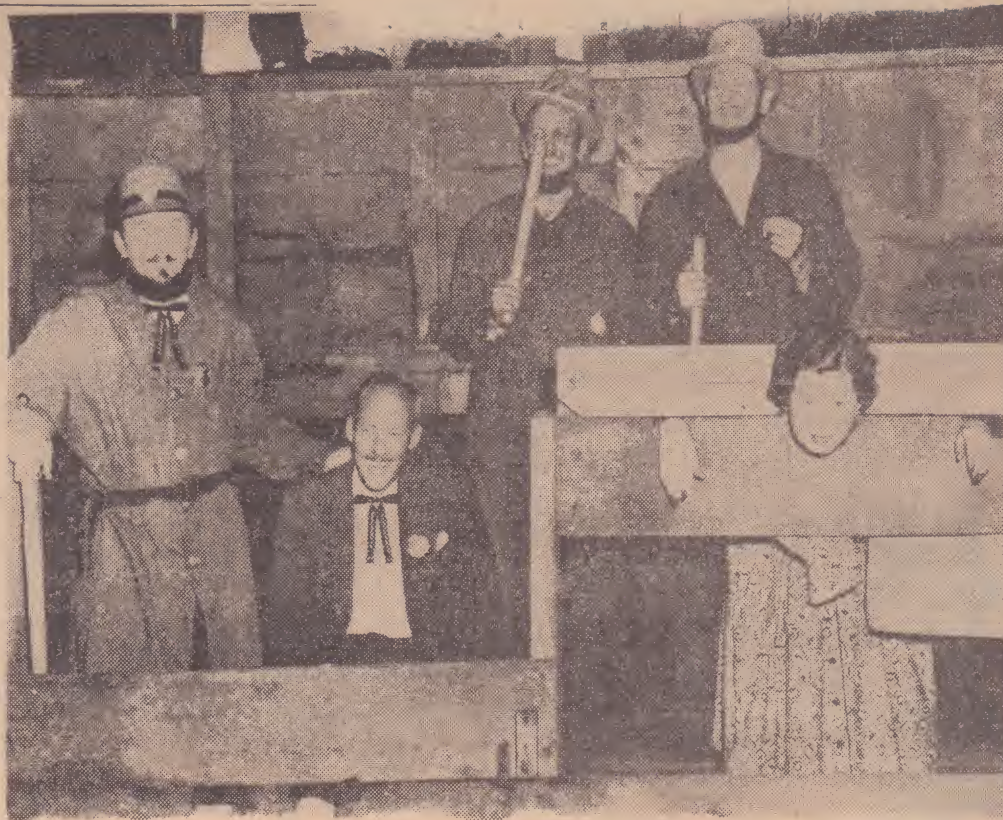
a

in

t-

f-

d



Burgess Hugh Quigley of Bellefonte serving his sentence in the stocks for failure to wear a hat. Kangaroo courts are being held each week in

preparation for the sesquicentennial Aug. 12-18. Kate Emerik also was caught without a bonnet. The Keystone Kops are amused.



BELLEFONTE BURGESS Hugh M. Quigley languishes in the stocks for using false beard to fool Keystone Kops Bill Mussr, Ibra Breon and Dave Jodon, in Sesquicentennial Kangaroo Kort.

WANTED!





"Dobie" Dobelbower, alias The Rock Crusher

50,000

People to Witness the Bellefonte Sesqui-Centennial Aug. 12 thru 18 at
Bellefonte, Penna.

Rides, 4 Mammoth Parades, Floats, Historical Displays, Atomic Energy Display, Army Display,
Beard Contest, Shaving Contest, Old Fashioned Bargain Days—Aug. 8, 9, 10,
Bands, Drum and Bugle Corps.

FUN FOR ONE — FUN FOR ALL

REWARD

*He did a grand
job, as General
Chairman. — He was the
boss! — the
Head Man!*



"Dobie" Dobelbower, alias The Rock Crusher

50,000

*He did a grand
job, as General
Chairman, - He was the
boss! - the
Head Man!*

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Beard Contest, Shaving Contest, Old Fashioned Bargain Days—Aug. 8, 9, 10,
Bands, Drum and Bugle Corps.

FUN FOR ONE — FUN FOR ALL

REWARD

Opportunity to see "BELLEFONTE THROUGH THE YEARS" Pageant Spectacle each evening Mon-
day through Saturday, Aug. 13 through 18, at 9:00 P. M. 500 in cast. Horses, Wagons, Car-
riages, Old Autos, Music, Drama, Dancing. Re-enactment of Civil War Battles, Indians, Hoop
Skirts, Gay 90's, Roaring Twenties, Lighting and Scenic Effects. Professionally directed and
staged. Nightly at ATHLETIC FIELD (off Bishop Street).

*Fireworks and Atomic Bomb Each Night at Pageant
Coronation of Queen Monday Night, August 13 at Pageant*

"FAITH OF OUR FATHERS" Sunday, Aug. 12, at 7:30 P. M.

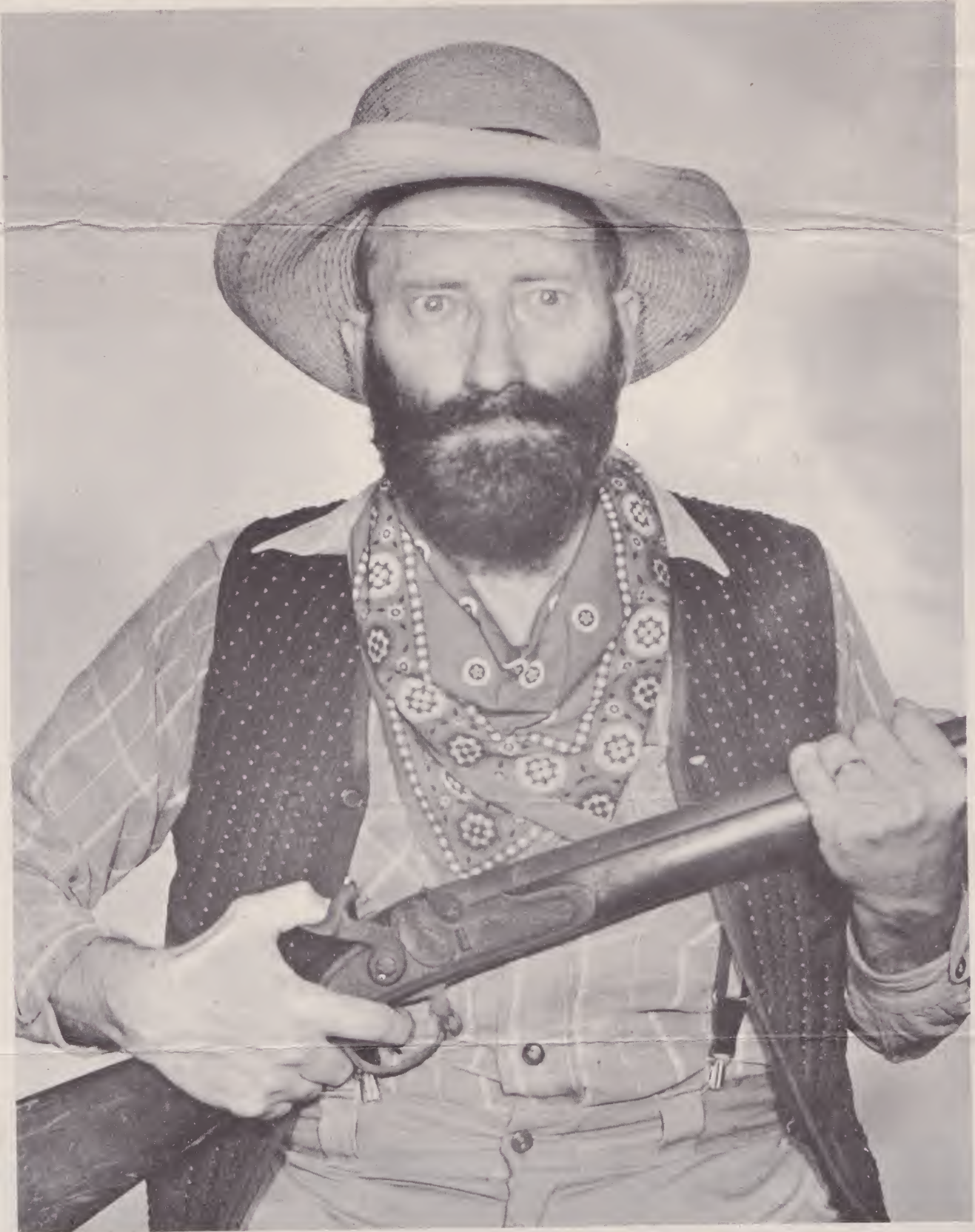
Concert by United States Army Field Band
of Washington, D. C.

Non-Sectarian — Public Invited at No Charge — Athletic Field

BELLEFONTE, PENNA.

AUGUST 12 thru 18

WANTED!



"Dobie" Dobelbower, alias The Rock Crusher

50 000

He did a grand
job / 100%

8-15-56







Chas. Tomkins - Lorna Ringler - J. Faulkner - Krouse
(2 Lions) At Hospital





8/13-Parade-1921 Packard of Francis Jodon - Ralph Dobel-
bower - Nate Krauss - Sen. J. H. Duff - R. Wilkinson Jr - Q.



8/13 Rotary - Q - R.W. Jr - Sen. Duff -
F. Yorks - N. Krauss - F. Zimmerman -
(Earl Orr)





8/13-Pageant-Sen. Duff-R.W.Jr.-Miss
Bfite.-Doby-Miss Centre County-
The Little Queen



Labor Day, 1956
 Mrs. K. - J. Krumrine
 Q - Champ, Earl
 Sunday - Mrs. S.

Oct. 1956





About 1892 - taken by
S.H.R. of S.H.R.
shooting S.H.R.





Labor Day, 1956
 Mrs. K. - J. Krumrine
 Q - Champ. Earl
 Sunday - Mrs. S.

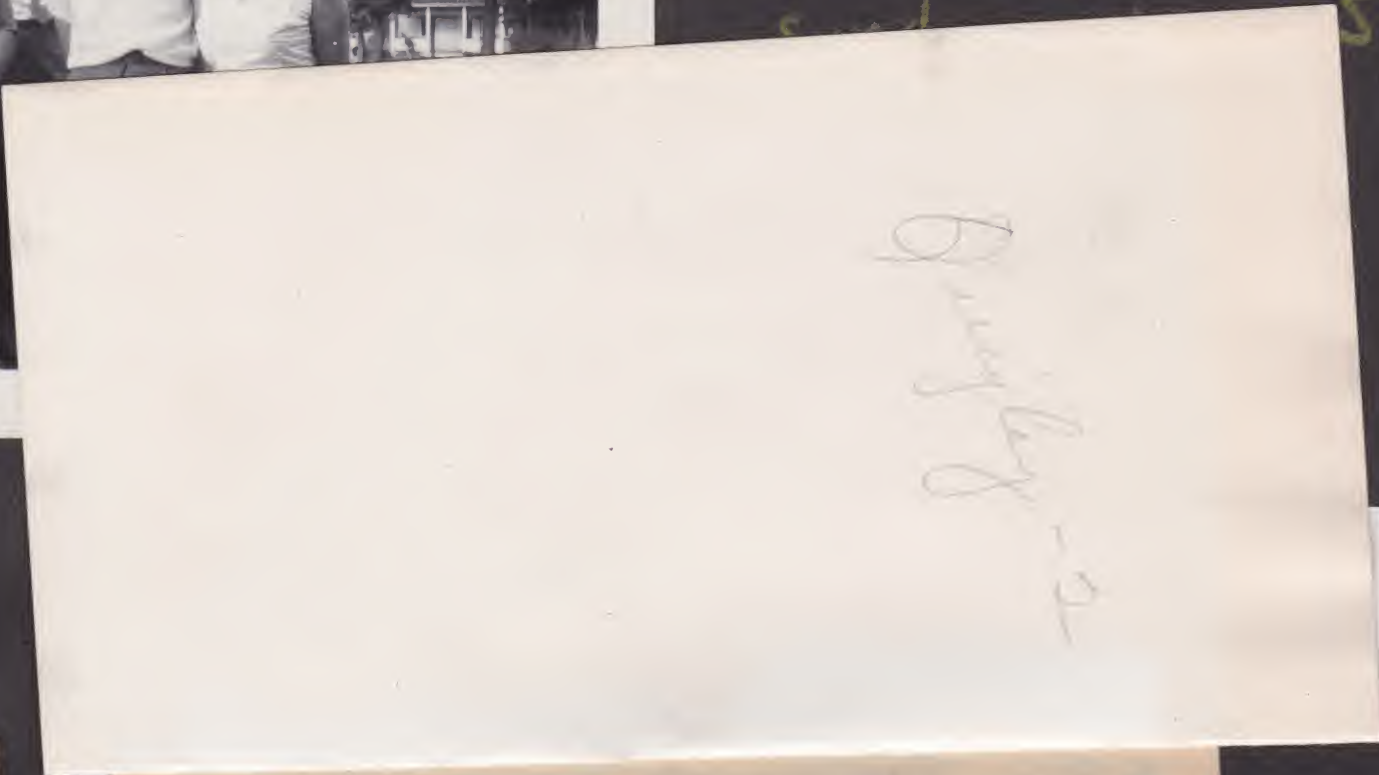
Oct. 1956



FIRST TO SIGN the birthday scroll for President Eisenhower at the Bellefonte Citizens for Eisenhower headquarters were Mr. and Mrs. Hugh M. Quigley. Workers in the County obtained signatures of well-wishers for the President.



Labor Day, 1956
 Mrs. K. - J. Krumrine
 Q - Champ. Earl
 S.



MONDAY, OCTOBER 15, 1956

THE C

Veterans, Draftees:

an Law
 Gives
 tion

AL

me



FIRST TO SIGN the birthday scroll for President Eisenhower at the Bellefonte Citizens for Eisenhower headquarters were Mr. and Mrs. Hugh M. Quigley. Workers in the County obtained signatures of well-wishers for the President.





1955

**FIFTY-FIVE TON TRACTOR-TRAILER UNITS AT BRADFORD NO. 1 MINE
NEAR CADIZ, OHIO**

Coal from the Bradford open-cut mine is loaded into 55-ton tractor-trailer trucks to be transported to the Georgetown Preparation Plant where it is washed, dried and sized.

These tractor-trailer trucks are powered by 400 H.P. Deisel V-12 engines. They have a rated capacity approximately equal to that of a railroad car (55 tons). The overall length of this unit is 55 feet. It is 12 feet in width and, at its highest point, is 11½ feet from the ground. The front tires on these units are 14:00 x 24. The rear tires on the tractor and the tires on the trailer are 18:00 x 25.

Similar but slightly smaller capacity trucks are in use at the Georgetown No. 12 Mine.

The coal is loaded, without being shot, by electric shovels having dippers of 9 cubic yards capacity.

HANNA COAL COMPANY

Division of Pittsburgh Consolidation Coal Company



1955

50 CUBIC-YARD SHOVEL
at Georgetown No. 12 Mine
of
Hanna Coal Company
Division of
Pittsburgh Consolidation Coal Company

These electric shovels are used to remove the earth and rock overburden from the coal seam. In a month's time, they will each remove as much as 1,600,000 cubic yards, or some 2,400,000 tons. If this material were to be loaded into open railroad cars, it would fill some 48,000 of them.

SHOVEL SPECIFICATIONS

Dipper Capacity	50 cubic yards
Total Height	130 feet
Total Length of Boom	120 feet
Length of Dipper Handle	60 feet
Lifting Power	400,000 pounds
Approximate weight	3,500,000 pounds (1,750 tons)

4,160 volts of electric power is delivered to
the shovel by flexible cable.

The shovel has eight electric motors:

- 2— 425 H.P. Hoisting Motors
- 3— 125 H.P. Rotating Motors
- 2— 75 H.P. Crowding Motors
- 1—1,500 H.P. Driving Motor

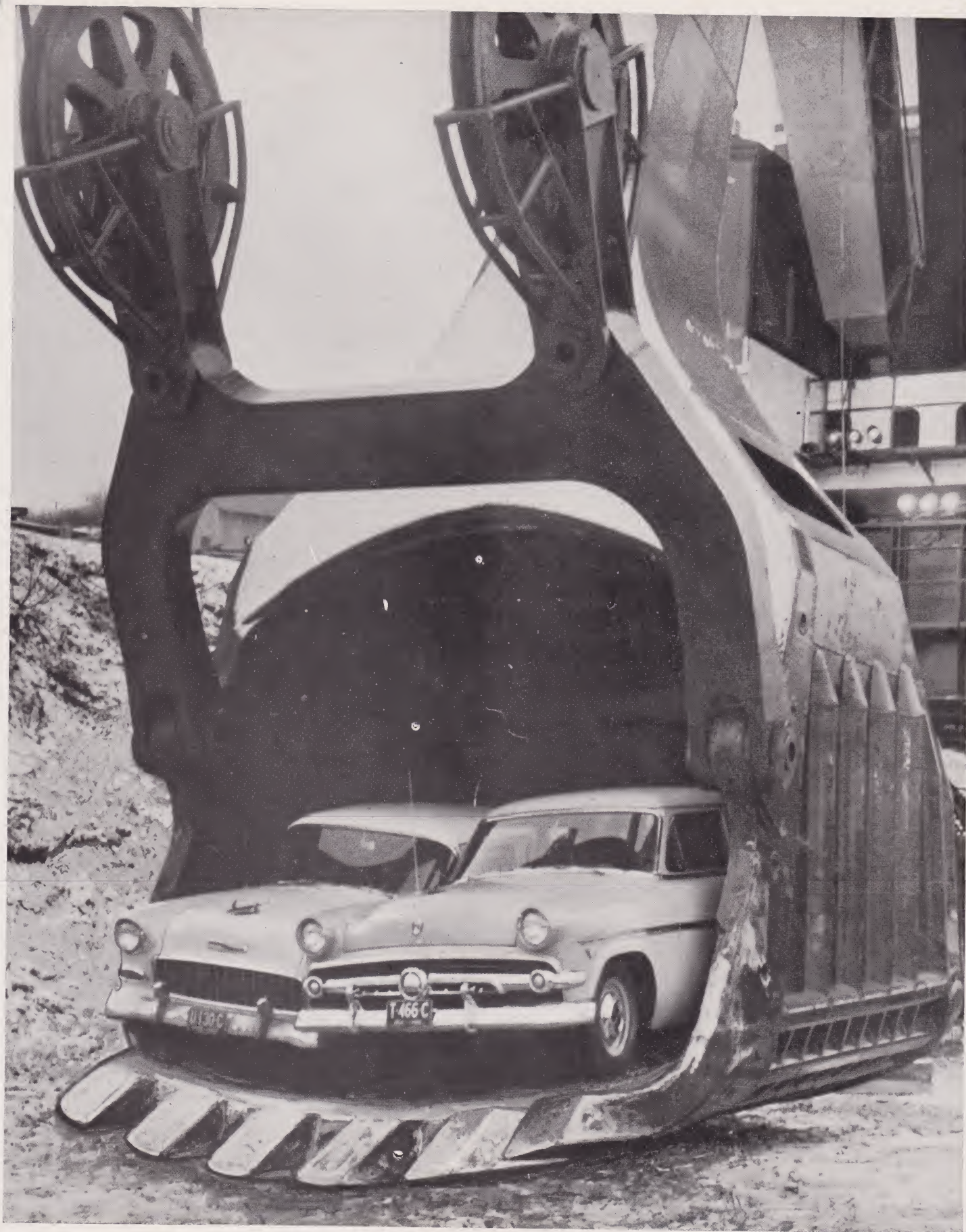
The shovel "floats" on four electrically controlled hydraulic cylinders, which keep it absolutely level while operating.

The shovel crawls under its own power at a maximum speed of 31 feet per minute. It is capable of climbing grades steeper than 20%.

The actual operation of the shovel is controlled by one man, who uses 2 foot treadles, 2 hand levers, and 1 whistle cord. One other control is used when moving the shovel from place to place. In addition to the operator, one oiler is used for lubrication and minor repair work, and, one shift per day, a ground oiler is employed. A bulldozer works with the shovel at all times to push fallen earth and rock to where it can easily be reached by the shovel.

The control on this machine is highly developed. Notwithstanding the weight handled and the lifting power available, the operator has, through the controls, a very delicate "feel" of the machine in all its functions, and he can, with extreme rapidity and great accuracy, maneuver all of its motions.

The depth of overburden which these shovels remove averages 80 feet.



60 CUBIC-YARD DIPPER

"THE MOUNTAINEER" -- 60 Cubic Yard Shovel

THE MOUNTAINEER is the world's largest shovel; it is the largest unit of mobile land machinery ever constructed in this country. It will be used to remove earth and rock overburden, with a maximum average of 90 feet in depth (under favorable contour conditions, the machine will be able to go to a top maximum of 120 feet of overburden), from the 4½-foot thick Pittsburgh coal seam in Eastern Ohio. Although the four large machines which Hanna has had in service for several years at its open-cut mines are among the largest ever built, they are not capable of removing overburden averaging as much as 90 feet in depth. THE MOUNTAINEER makes possible the recovery of millions of tons of coal not recoverable with the smaller machines.

INTERESTING FACTS CONCERNING "THE MOUNTAINEER" AND ITS OPERATION

DIPPER CAPACITY — The dipper, or bucket, of the machine has a capacity of 60 cubic yards (some 90 tons). One dipper-load would fill a room 10' x 20' x 8' high. The shovel will make a complete cycle of digging overburden, making a 180-degree swing, depositing overburden, and returning for another load once every 45 seconds. At this rate, the machine will handle approximately 14,400,000 pounds of material each hour — almost three times its own weight of 5,500,000 pounds (2,750 tons). The dipper handle to which the dipper is attached is 92 feet in length.

OPERATING RANGE — After each filling of the dipper with overburden, the top portion of the shovel revolves, and the load is deposited in the void left by the previous removal of a strip of coal. The shovel's 150-foot long boom and its 92-foot dipper handle make it possible to deposit this overburden some 290 feet away (about the length of a football field), and to stack it in piles almost 100 feet high. While it is true that the dipper on THE MOUNTAINEER (60 cubic yards) is bigger than the dippers on other machines currently in use by Hanna (46 cubic yards), this is not the principal factor which gives the new shovel its increased capacity. Principal factors contributing to this increased capacity are:

1. The 30-foot longer boom and the 32-foot longer dipper handle, which make it possible for THE MOUNTAINEER to remove greater depths of overburden, to deposit it further away, and in higher piles;
2. The increased speed at which the shovel operates in all of its functions makes possible faster operating cycles.

HEIGHT OF MACHINE — From the ground to the top of the platform attached to the boom, the shovel rises 160 feet into the air — approximately the height of a 16-story building.

CRAWLER MECHANISM — Each of the 8 crawlers, or "cats", upon which the shovel stands and moves, measures 8 feet high, 23 feet long, and 54 inches wide, and each crawler weighs 60 tons. Each of the four pairs of crawlers is powered by a 250 H.P. motor. Operation of the crawlers and steering is controlled at ground level.

AUTOMATIC ELEVATOR — A unique feature of THE MOUNTAINEER is a 3-passenger automatic elevator. Such equipment has never been included in any shovel ever manufactured. This elevator is installed in the 6-foot diameter center pin around which the upper portion of the machine revolves. In boarding all previous machines of this kind, it has been necessary to climb a stairway and to stop the machine while the person on the stairway stepped from the stationary (lower) deck to the revolving (upper) deck. Stopping the machine is objectionable, and the hazard of a person's being injured by the machine starting prematurely, or by the person's attempting to step onto the revolving deck while it is in motion, has always been a problem. The elevator on THE MOUNTAINEER makes it possible to board the machine safely while it is in operation.

ELECTRIC MOTORS, POWER SUPPLY AND CONSUMPTION — THE MOUNTAINEER is powered by 16 electric motors, including the largest mill-type horizontal and verticle motors ever manufactured in this country. The total rating of its main A.C. motors is 4,650 H.P. This compares with the 1500 H.P. on Hanna's former "largest" machines. The total horsepower rating of all the motors totals 12,000 — a horsepower rating equivalent to the latest ocean-going freighters, with 80-foot beams, 663 feet long.

Due to the great power requirements of THE MOUNTAINEER, it was necessary to supply 7,200 volts of electric power to the machine. This is the highest voltage ever supplied to a machine of this type, the maximum ordinarily being 4160 volts.

Total peak power demand of the machine will be 6,840 kilowatts. Electrical engineers estimate that, at full continuous operation, the shovel will utilize as much electricity as 5,200 average homes.

In order to control the tremendous power of THE MOUNTAINEER, engineers designed a system to fit necessary operating requirements and then processed literally hundreds of power formulae to determine the proper one to do the job. The use of electronic computers enabled engineers to accomplish this task in a period of two weeks. Manual calculating would have required an estimated three years.

LIFTING POWER — THE MOUNTAINEER has a total lifting power of some 500,000 pounds (250 tons). This, coupled with its operating range, means that it has the power to lift a platform containing 166 ½-ton automobiles 100 feet into the air, swing them through the air a distance of 290 feet, set them down on top of a ten-story building, and swing back for another load — all of this in 45 seconds.

HOIST CABLES — The two hoist cables which are used to pull the dipper upward through the earth and rock overburden are 2 ½-inch diameter, steel rope, each 580 feet long. The herringbone driving gears which operate the twin hoist-cable drum, are 13 feet in diameter. The hoisting operation is powered by four 450 H.P. Motors.

AUTOMATIC LEVELING DEVICE — THE MOUNTAINEER is equipped with four automatic, electrically controlled, hydraulic leveling jacks (one at each corner of the lower frame). The purpose of these jacks is to keep the revolving upper portion of the machine absolutely level while operating, even though the machine might be standing on uneven terrain.

AUTOMATIC LUBRICATION SYSTEM — Each of some 500 bearings of THE MOUNTAINEER is greased automatically. A pump, controlled by an electric timing device, pumps lubricants through a piping system to each of these bearings at pre-determined intervals. This provides much more efficient lubrication than that performed manually.

OPERATING PERSONNEL — Only one man is required for actual operation of THE MOUNTAINEER. He controls all operating functions of the machine by the use of 2 foot pedals, 2 hand levers and 1 whistle cord. In addition to the operator, one oiler is used to check the performance of the lubrication system and to perform minor repair work. As it becomes necessary to move the machine forward, one man on the ground operates the steering and crawler mechanism. A bulldozer works on the coal seam with the shovel at all times to push fallen earth and rock to where it can easily be reached by the dipper. The machine operates 3, 8-hour shifts per day.

The machine is designed so that it can be operated from either of two operator control cabs, located at each corner of the front of the machine, almost 3 stories above the ground (it is presently equipped for operation from one cab). The operator's cab is equipped with electric heating, air conditioning, a sliding picture window, vinyl tile floor, and finished with imitation wood paneling.

COMMUNICATION SYSTEM — The shovel is equipped with telephonic communication connected to stations at various points on the machine. It is also equipped with short-wave radio equipment, by which communication is possible with all of the other shovels of the Company, with supervisor's trucks and automobiles, and with the mine office.

COST OF THE MOUNTAINEER — The total cost of the machine, ready for operation, was approximately \$2,600,000.

HANNA COAL COMPANY

Division of Pittsburgh Consolidation Coal Co.



1955

Pat Lonsell - Geo. Cooney + \$200.

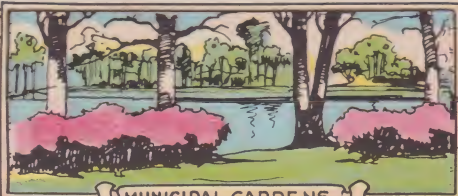


OFFICIAL U. S. MARINE CORPS
PHOTO BY: _____

1955

Marine Capt. - P - Sgt. - Geo. Cooney
Recruiting Ofc. at N.H.

NORFOLK RESORT AREA



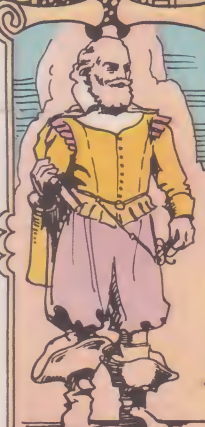
MUNICIPAL GARDENS



FIRST LANDING OF VIRGINIA COLONISTS
CAPE HENRY 1607



FROM RICHMOND



CAPT. JOHN SMITH



OLD ST. PAUL'S CHURCH
NORFOLK

YORK RIVER

COLONIAL NATIONAL PARK

FROM WASHINGTON

17

GLOUCESTER POINT

31

WILLIAMSBURG

RESTORED COLONIAL CAPITAL

168

60

JAMESTOWN ISLAND
FIRST PERMANENT ENGLISH SETTLEMENT IN AMERICA
1607

FORT EUSTIS

17

YORKTOWN

SCENE OF GEN. CORNWALLIS' SURRENDER TO GEN. GEORGE WASHINGTON ~ 1781

WARWICK

MARINERS MUSEUM

NEWPORT NEWS

HAMPTON

10

SMITHFIELD

HOME OF FAMOUS VIRGINIA HAM

258

17

JAMES RIVER BRIDGE

(TOLL)

CHUCKATUCK CREEK

TOLL BR.

RIVER

HAMPTON ROADS

SCENE OF MONITOR-MERRIMAC (VIRGINIA) FIGHT ~ 1862

FERRY (TOLL)

TOLL BR.

17

TO SUFFOLK

13

460

LAKE DRUMMOND

DISMAL SWAMP

SWAMP

HIGH STREET

PORTSMOUTH

58

58

17

Resort Department

NORFOLK CHAMBER OF COMMERCE

200 East Plume Street

NORFOLK 10, VA.

(Printed in U. S. A.)

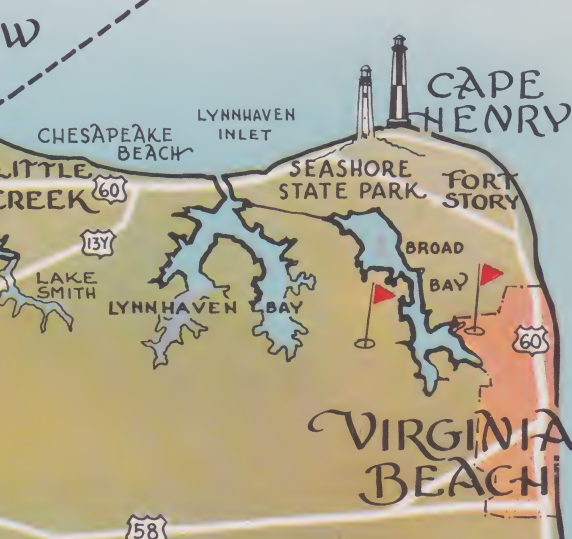


SHIPBUILDING



Battle between Merrimac and Monitor

FOLK PORT SEA



ATLANTIC OCEAN



Legend

Highways STATE 13 U.S. 60

Airports

Golf Courses

VIRGINIA BEACH



Drawn by DAY LOWRY

1954